

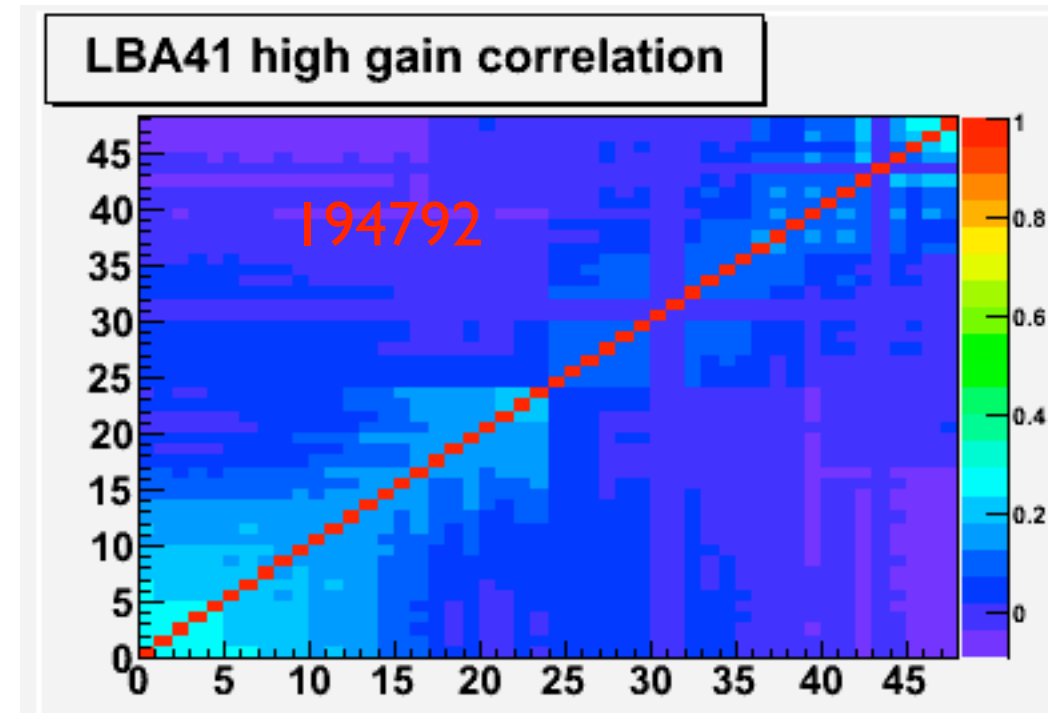
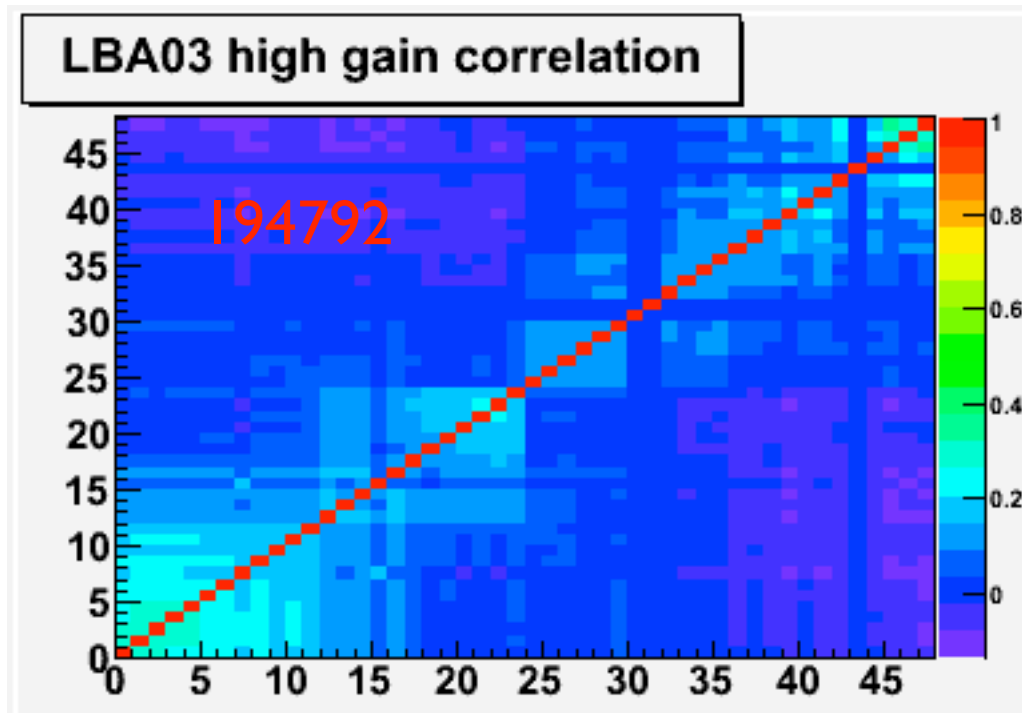
TileCal Noise of A-Side Modules with New LVPS

Duong Nguyen, Larry Nodulman, Irene Vichou

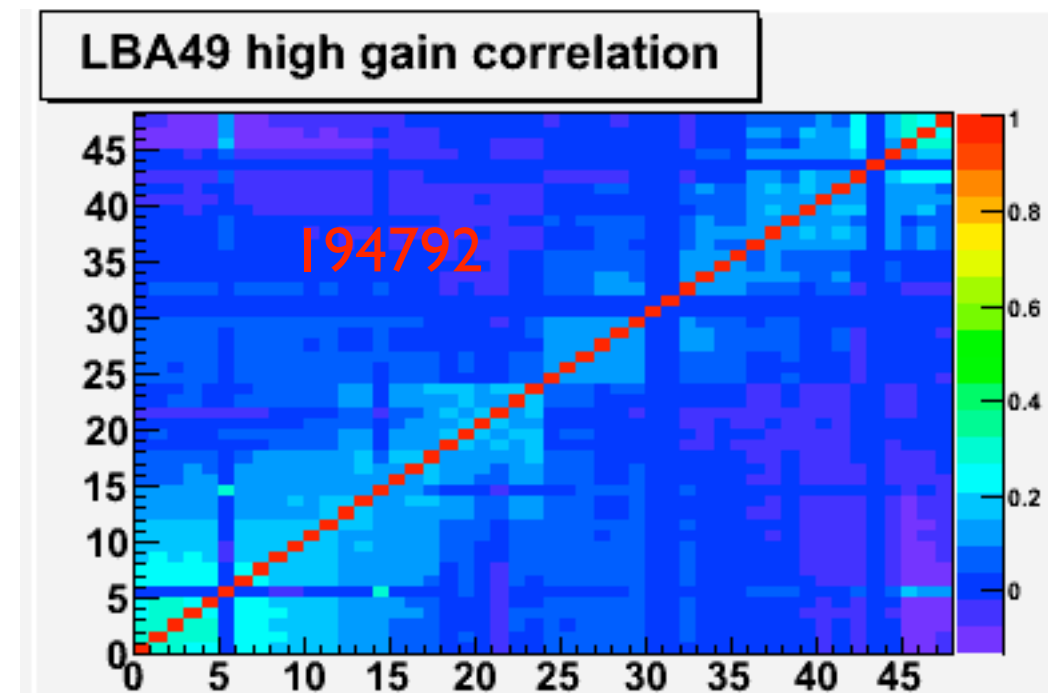
Overall Features

- Pedestal runs: 194815, 194821, 194831, 194792, 194786, 194766
- Most of the modules are fine.
- A bit high (but still Ok) correlation noise at channels 1-10 for these modules. However, it is much improved compared to old LVPS
 - ▶ LBA03, LBA41, LBA49
- Single very high noise channel: LBA19 (seen before replacement, so not from new LVPS)
- Slightly pedestal shift for some modules in some runs: LBA15, LBA21, LBA36. But it is still OK. Probably due to unstable run conditions.

LBA03, LBA41, LBA49

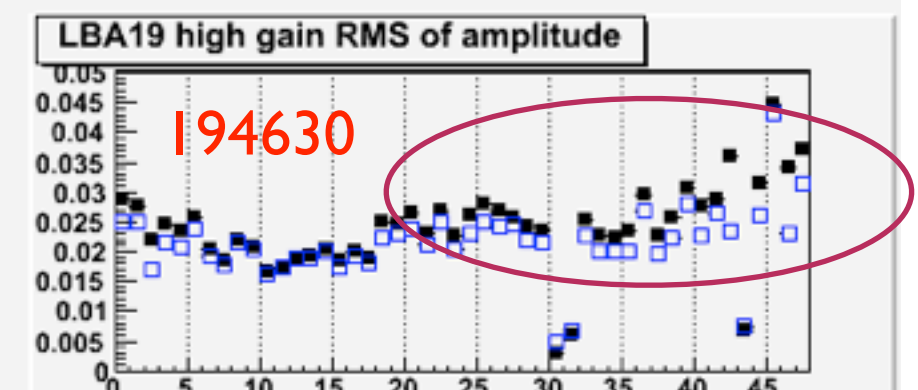
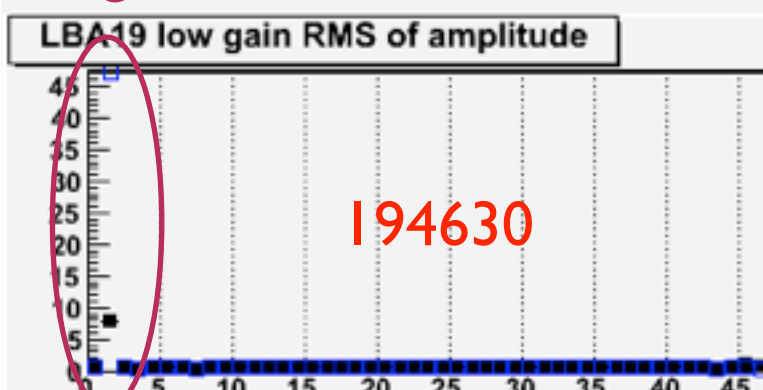
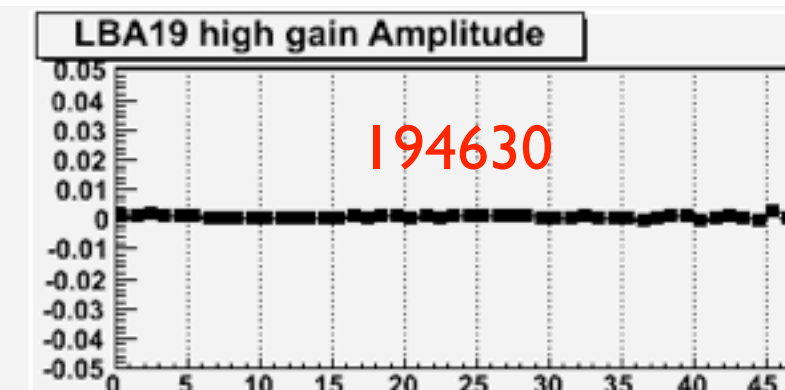
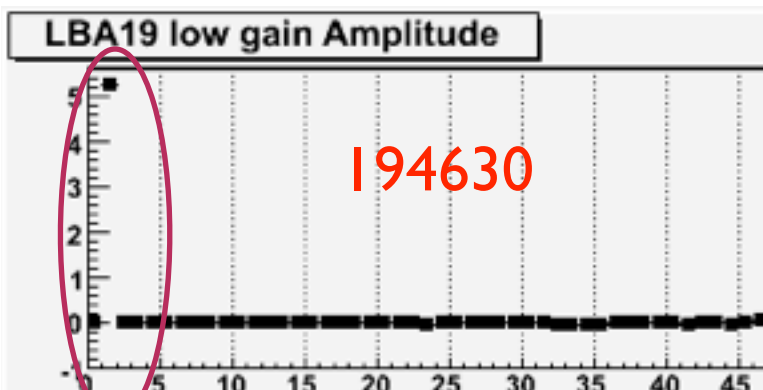
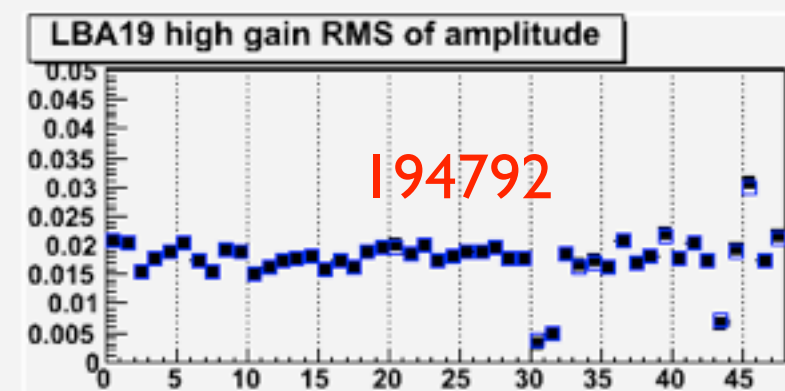
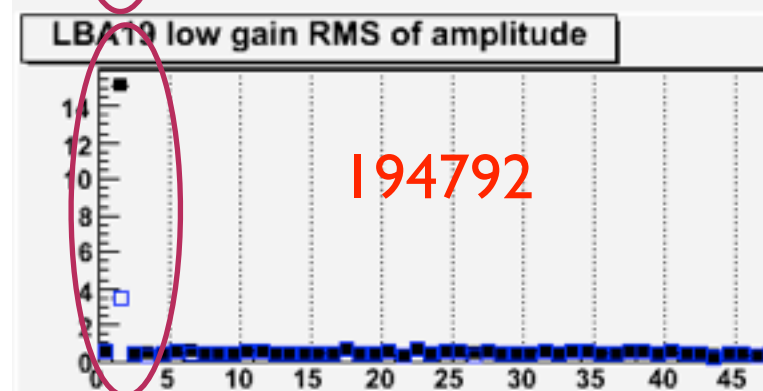
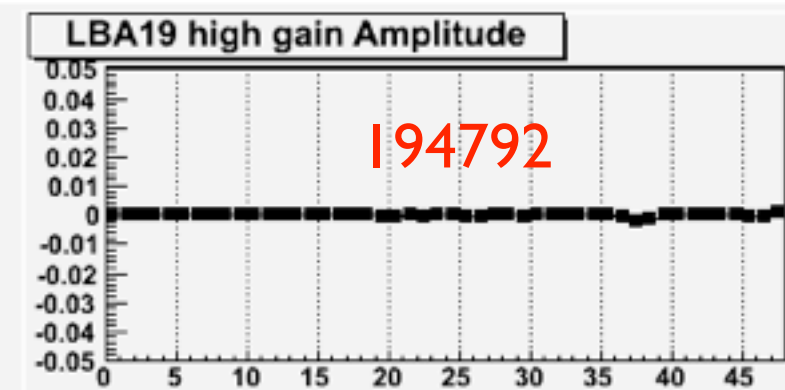
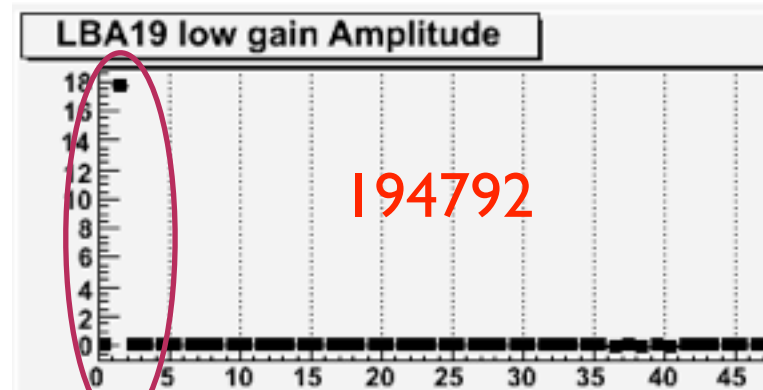


- A bit high noise at channel 1-10.
- Compared to that before replacement, they are still much better



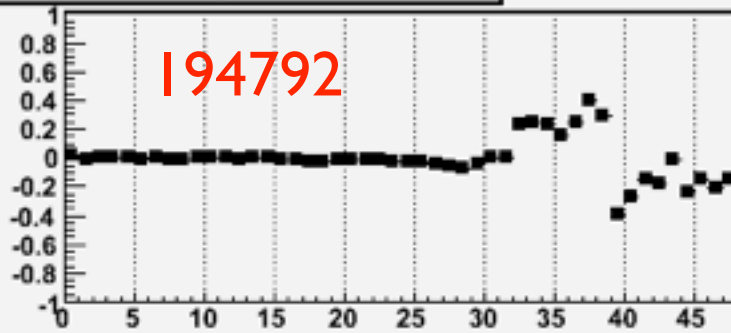
LBA19

- Single noisy channel in low gain.
- It was seen before replacement, for example in run 194630

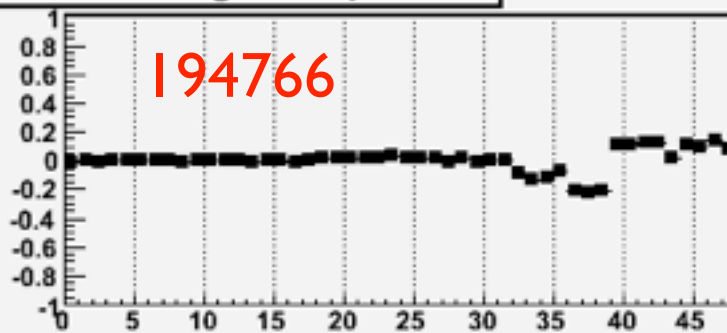


LBA15, LBA21, LBA36

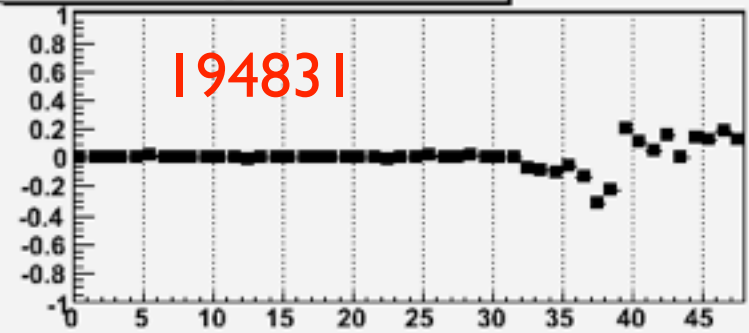
LBA21 low gain Amplitude



LBA21 low gain Amplitude

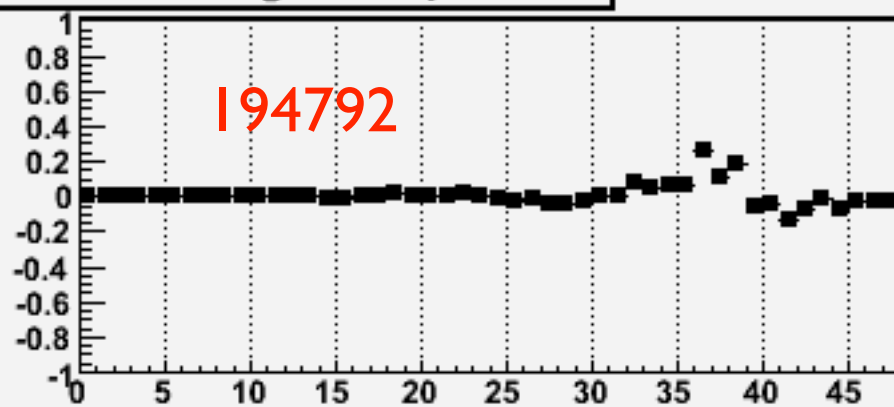


LBA21 low gain Amplitude



- Slightly pedestal shifts

LBA36 low gain Amplitude



LBA15 low gain Amplitude

